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Docket: 3816.10
September 28, 2004 (1:41pm)

Remarks

Claims 1-12, 16-23, and 27-29 remain in the application.

The Examiner's citations of claims 24-26 are not understood. These claims cannot be found in Applicants' files. They have been accordingly listed as canceled with the right of possible reinstatement. New claims are numbered sequentially thereafter.

The Examiner has imposed a restriction requirement between:

Group I – claims 16-26, drawn to a semiconductor device, classified in class 219, subclass 121.64;

Group II – claims 1-12, drawn to a process of joining two silicon parts, classified in class 427 and subclass 455; and

Group III – claims 13-15, drawn to a process of repairing a substrate, classified in class 164 and subclass 46.

The restriction, as far as it is understood, is traversed between Groups I and II. The invention of Group I is elected within that traverse. The claims of Group III have been canceled.

Class 219/121.64 pertains to a welding method and not a semiconductor device. Class 427/455 pertains to plating a metal with a plasma and not to a process of joining two silicon parts. It is believed the process and apparatus of Groups I and II are both included with both classes 219/121.64 and 427/455 and should be both examined together because of the common search required and likely similar prior art. A new set of Claims 27-29 have been added which clearly link the method and apparatus claims.

Claim 20 has been broadened as to the type of silicon forming the legs.

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In view of the above amendments and remarks, consideration and allowance of all claims are respectfully requested. If the Examiner believes that a telephone interview would be helpful, he is invited to contact the undersigned attorney at the listed telephone number, which is on California time.

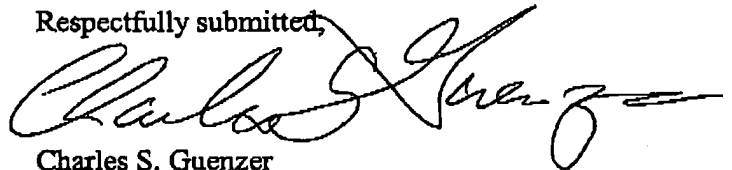
Date:

28 Sept. 2004

Correspondence Address

Law Offices of Charles Guenzer
2211 Park Boulevard
P.O. Box 60729
Palo Alto, CA 94306

Respectfully submitted,



Charles S. Guenzer
Registration No. 30,640
(650) 566-8040

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